Title (en)

VEHICLE REARVIEW ASSEMBLY INCLUDING A HIGH INTENSITY DISPLAY

Title (de)

FAHRZEUGRÜCKSPIEGELANORDNUNG MIT ANZEIGE VON HOHER INTENSITÄT

Title (fr)

ENSEMBLE RETROVISEUR DE VEHICULE COMPORTANT UN AFFICHEUR HAUTE DENSITE

Publication

EP 1991905 A2 20081119 (EN)

Application

EP 07752781 A 20070309

Priority

- US 2007006104 W 20070309
- US 78065506 P 20060309
- US 80435106 P 20060609

Abstract (en)

[origin: WO2007103573A2] An inventive rearview assembly (10) for a vehicle may comprise a mirror element (30) and a display including a light management subassembly (101b). The subassembly may comprise an LCD placed behind a transflective layer of the mirror element. Despite a low transmittance through the transflective layer, the inventive display is capable of generating a viewable display image having an intensity of at least 250 cd/m² and up to 3500 cd/m². The display includes a novel backlighting subassembly (116) and novel optical components including a magnifying system (119), a depolarizer (121), a reflector (115), and a reflective polarizer (103b). The display may be configured to display an image having edges contoured to correspond to the edges of the mirror element.

IPC 8 full level

G02F 1/01 (2006.01)

CPC (source: EP KR US)

B60R 1/12 (2013.01 - EP KR US); **G02B 3/0056** (2013.01 - KR); **G02B 27/01** (2013.01 - EP KR US); **G02B 27/0101** (2013.01 - EP KR US); B60R 2001/1253 (2013.01 - EP KR US); G02B 3/0056 (2013.01 - EP US); G02B 2027/0118 (2013.01 - EP KR US)

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DOCDB simple family (publication)

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